

**National Nuclear Security Administration
Los Alamos Site Office
Primary Contract Transition Team
Functional Breakdown Structure and Dictionary**

Functional Breakdown Structure (FBS) Key:

X.X FUNCTIONAL AREA

 X.X.X Issue

 X.X.X.X Activity

 X.X.X.X.X Tasks

1. LASO CONTRACT TRANSITION PROJECT

1.0 TRANSITION MANAGEMENT

1.1. Management

Manage the development and coordination of transition activities across transition teams. Provide guidance, direction, and information to the National Nuclear Security Administration (NNSA)/Los Alamos Site Office (LASO) transition team members. Facilitate and integrate interactions between federal and contractor transition teams. Conduct technical monitoring of contractor compliance with transition plans and incentives (where applicable). Coordinate issue resolution between federal and contractor transition teams. Prepare and submit key decisions to a federal Project Executive, as needed. Assure proper internal communication and coordination with members of the LASO Transition Team, including the LASO Project Executive, Closure Validation Authority, Primary Contract Transition Team, LASO Secondary Transition Team, and functional Subject Matters Experts.

1.2. Logistics

Coordinate the acquisition and management of physical resources necessary for LASO transition team members. Assist in resolution of contractor logistical issues related to transition.

2.0 COMMUNICATIONS

Assure transition of approved communications, information, public participation, and Public Affairs (PA) programs including internal and external communications; community involvement and outreach; interactions with the media, businesses, and the scientific and technical community; and liaison and consultation with local, state, Native American, federal agencies and Congressional offices.

2.1. Media Relations

Coordinate the preparation and distribution of transition project press releases and media interviews. Assure establishment of media relationships with new contractor.

2.2. Tribal Liaison

Coordinate interactions with local Tribes and Pueblos related to transition efforts. Manage transition issues related to Agreements In Principle with the Tribes.

2.3. Community Support

Assure transition of community support activities to facilitate Laboratory operations, including coordination with the County of Los Alamos. Assure transition of the requirement to perform a periodic needs assessment to determine what support to the community is necessary to facilitate Laboratory operations.

2.4. Internal Communications

Coordinate the development and distribution of transition information to federal and contractor transition teams, LASO and contractor senior management and staff.

2.5. Freedom of Information Action (FOIA)/PA Technical Information

Conduct Privacy Act reviews of transition information and products. Manage FOIA requests for transition information. Review information and products prior to distribution to federal and contractor transition teams.

2.6. Congressional Liaison

Coordinate transition issue interactions with and briefings to Congressional staff and representatives.

2.7. Briefings & Tours

Coordinate briefings and site tours for winning contractors. Assist in development of programmatic briefing packages.

2.8. Communications Program

Develop internal and external LASO Transition Communications Plans. Assure development of a single, integrated, coordinated Transition Communication Plan among all transition teams. Assure inclusion of all external and internal stakeholders, including the Office of the Governor, New Mexico Citizen's Advisory Board (NMCAB), the New Mexico Environment Department (NMED), Department of Energy (DOE) and NNSA Headquarters, and the NNSA Service Center in communications plans. Manage the transition of the Public Affairs/communications program to the new contractors, including support for DOE/NNSA Reading Rooms and other communications approaches and tools.

3.0 LEGAL

3.1. Legal Affairs

Assure transition of a legal program to support contract activities including those related to litigation and claims; patents, licenses, and other intellectual property rights; subcontracts; technology transfer; environmental compliance and protection; labor relations; and litigation and claims.

3.1.1. Litigation and Claims

Develop a Contract Management Litigation Plan to assure new contractors accept transfers and responsibility for managing existing claims and litigation that will survive the current Los Alamos National Laboratory (LANL) University of California (UC) contract. Identify and document potential contract closeout liabilities and issues in plan.

3.1.2. Intellectual Property

Manage assignment and transfer of patent license arrangements and warrants, Intellectual Property, and trademarks from LANL UC to new contractor; LASO Office of Counsel (OC) liaison between the NNSA Albuquerque Service Center Patent Counsel and contractors.

- 3.1.3. Environmental Permits, Applications, and Regulatory Agreements
Develop a comprehensive list and facilitate and assure timely transfer of existing permits, permit applications, and regulatory agreements on which DOE/NNSA and/or LANL UC are/is identified as a permittee, co-operator, signatory, or applicant, to the new contractor. Coordinate all activities with LASO regulatory subject matter experts and program managers.
- 3.1.4. Transfer Agreement
Execute a formal Three-Party Transfer Agreement between DOE/NNSA, LANL UC, and the new contractor to address various transition issues, including the transfer of claims and litigation, indemnification under Public Law 85-804, and other legal issues identified.
- 3.1.5. Novations, Assignments and Transfer
Develop a comprehensive list of all subcontracts and assistance agreements and assure timely movement to the new contractor.

4.0 HUMAN RESOURCES, LABOR RELATIONS, TRAINING, EEO AND EMPLOYEE CONCERNS

4.1. Human Resources

- 4.1.1. Work Force Restructuring
Update and/or approve Workforce Restructuring Plans for all Fiscal Year (FY) 2006 workforce restructuring actions. This could include plans for LANL, subcontractors, and protective force contractors. Review, approve, and coordinate contractor Workforce Restructuring Plans and actions. Determine benefits for which involuntarily-separated employees are entitled.
- 4.1.2. Compensation & Pay
Negotiate with new contractor and approve the new contractors proposed classification and salary structures, pay policies and procedures, bonus programs, incentive programs, etc.. Resolve any pay policy or procedure issues with incumbent and new contractor. Resolve severance pay issues.
- 4.1.3. Recruitment & Staffing
Negotiate and approve the new contractors proposed long-range Staffing Plans. Coordinate the transfer of personnel files from LANL UC to the new contractor. Coordinate the identification and transfer of other personnel documents. Review and concur on any special employment actions needed for employees, as appropriate (e.g., employees on extended leave, employees on work for others assignments, etc.).
- 4.1.4. Travel & Relocation Program
Negotiate and approve the new contractor's Travel and Relocation Programs.
- 4.1.5. Benefits & Insurance
Assure smooth carryover of employee's benefits without any lapses in coverage. Oversee transfer all current insurance contracts/policies to the new contractor or the written notification to carriers/providers of cancellation of policies. Negotiate with new contractor any proposed benefit programs or plan changes, rate structures, etc. Work issues regarding corporate transfers and teaming partner employees.

- 4.1.6. Leave Programs
Negotiate and approve all new contractor-proposed leave programs. Work out service credit issues. Work out carry over of current leave pool balances. Work issues involving teaming partner employees.
- 4.1.7. Pension and Investment Plans
Negotiate and approve new contractor-proposed pension and investment plan programs. Approve any proposed changes to current plans. Work issues regarding corporate transfers and teaming partner employees. Assure a smooth transition of programs from LANL UC to the new contractor.
- 4.1.8. Substance Abuse Program
Assure transition of contractor Workplace Substance Abuse Programs that are in accordance with 10 CFR 707.
- 4.1.9. Employee Assistance Program
Assure that the new contractor develop and administer Employee Assistance Programs that are in accordance with 10 CFR 707.
- 4.1.10. Employee Relations Program
Assure smooth completion or carry over of current adverse action cases, grievances, disciplinary actions, terminations, discharge cases, etc. Assure that the Employee Relations Program is transitioned to the new contractor.
- 4.2. Labor Relations
 - 4.2.1. Labor Relations
Coordinate negotiation of collective bargaining agreements, approving items involving cost to the contract. Assure smooth transfer of ongoing LANL and LANL subcontractor union contracts and related issues to the new contractor. Coordinate Building Trades issues involving any project labor agreements. Establish procedures for communications and role of DOE/NNSA on oversight of labor issues on the LANL.
 - 4.2.2. Labor Standards
Assure smooth transition of current Davis-Bacon Act and/or Service Contract Act cases, issues, etc. Negotiate Davis Bacon Act program procedures for submitting cases with the new contractor. Discuss establishment and use of labor standards committees. Discuss training for concerned employees in Davis Bacon Act and DOE/NNSA role. Discuss, or resolve issues involving Fair Labor Standards Act and overtime.
- 4.3. Training, Equal Employment Opportunity and Employee Concerns
 - 4.3.1. Technical and Professional Development Training
Assure transition of a training and qualification program including general training, orientation, and indoctrination; employee development; educational and professional advancement, and facilities-specific training and qualification.
 - 4.3.2. Employee Concerns
Assure transition of the Ethics, Employee Concerns, Diversity, Equal Employment Opportunity programs. Assure continuity of action on existing concerns related to these programs during transition.

4.3.3. K-12 Education and Academic Programs

Assure transition of a Science and Mathematics Education Program at the K-12 (pre-college) and university. This support may include, with the Contracting Officer's approval, technical assistance; loans of scientific equipment; programs of "hands on" research experience for students, teachers and faculty members; a program of encouraging volunteerism and community service; and cooperative programs.

4.3.4. Equal Employment Opportunity (EEO) and Diversity Programs

Assure the smooth transition of the EEO and Diversity Programs, and related plans, as appropriate. Assure new contractor has appropriate and compliant EEO and Diversity Programs in place.

5.0 INFORMATION TECHNOLOGY (IT) AND RECORDS

5.1. Information Resources Management

Assure transition of the inter-site and intra-site unclassified information system for technical programs, organizational, business and operations functions and for activities including general purpose programming, data collection, data processing, report generation, software, electronic and telephone communications.

5.2. IT Capital Planning and Investment

Assure the timely transition of the LANL IT Strategic Plan, Form 53's and 300's preparation and support, General Purpose Capital Equipment pool for IT prioritization.

5.3. Enterprise Architecture and Data Management

Assure the transition the maintenance and functionality of the enterprise architecture; mapping software/hardware to business layers; transition reusable code, coordinate single source for enterprise wide data.

5.4. Licensing and Property

Assure the transition of all software, hardware, and licensing agreements.

5.5. Operations Center

Assure the transition of computer support services, including field services, network & desktop support for LANL personnel.

5.6. Telecommunications

Assure a smooth transition of networks, phones, radios, pagers, alarms & life safety, etc.

5.7. Application Changeover

Assure an appropriate and timely transfer for roles & responsibilities for LANL applications and validating systems to the new contractor. Assure e-mail integration.

5.8. Records Management and Document Control

Develop, manage, and implement the LASO Transition Project Records Management Plan. Assure a smooth transition of LANL records storage facilities. Assure controlled documents tracking systems and maintained during and after transition. Assure a smooth transition of the LANL document control function. Assure transition of all responsibilities for management of federal and contractor records and record storage facilities.

5.9. Directives

Assure transition of the processes and functions of the DOE REVCOM Review Process, Draft Directives Review, Contract Applicable Directive Review (List B) (Impact analysis of CRDs on new or modified directives), and Draft Technical Standard Review.

5.10. Forms Management

Assure transfer of existing, and oversee development of new, standardized site-wide forms & templates.

5.11. Issues Management System

Assure transition of an integrated issues management system and methodology for tracking, trending, and closing local and institutional findings and observations.

6.0 BUDGET, FINANCE, AND AUDIT

Assure transition of the management and administration a system of internal controls for budget, finance and audit operations. Management of these operations shall include (1) integrating common systems of internal controls across LANL and implementing business processes that are risk-based, cross-functional, cost effective, optimize and streamline operations, increase efficiency and enhance productivity; and, (2) supporting NNSA in the identification and application of enterprise-wide electronic processes throughout the Nuclear Weapons Complex (NWC) to streamline business practices.

6.1. Financial Management

Assure transition of a financial management system that provides sound financial stewardship and public accountability. The overall system shall be suitable to collect, record, and report all financial activities; include a budgeting system for the formulation and execution of all resource requirements; include a disbursements system for employee payroll and supplier payments; and contain an effective internal control system for all expenditures.

6.2. Business Systems

6.2.1. Business Systems

Assure a smooth transition of LANL business systems, including related documentation, policies, and procedures.

6.2.2. Enterprise Project (EP)

Assure transition of the LANL EP and/or related system (or a new contractor business system), including related project planning documentation and system policies/ procedures, as appropriate.

6.3. Budget Systems

6.3.1. Budget Systems

Assure a smooth transition of budget formulation, presentation, and execution functions.

6.3.2. Budget Requirements

Assure transition of requirements for budget, planning, and execution years (baseline).

6.4. Finance and Accounting Systems

6.4.1. Finance and Accounting Functions

Assure a smooth transition of finance and accounting functions.

6.4.2. Program Control Requirements

Assure the smooth transition of system internal controls, prioritization, planning, and accountability in line with the Request for Proposal (RFP) and in compliance with Federal Acquisition Regulations, Contractor Assurance System requirements, and Generally Accepted Accounting Principles). Systems include accounting, procurement, payroll, inventory, earned value reporting systems, property system, etc.).

6.4.3. Indirect Rates/Financial Reporting

Review indirect rates for each contractor and accounting for corporate charges. Agree to indirect rates for current year (actual rates) and out-years (forward pricing rates).

6.4.4. Travel Programs

Review contractor travel programs processes, procedures, and funding. Include contractor use of travel advance cards in review.

6.4.5. Uncosted Balances Transition

Assure transition of uncosted unencumbered funding to new contractor.

6.5. Audit Function Transition

Assure transition of an audit program which provides capabilities for both internal and subcontractor audits and supports external audits, reviews, and appraisals.

6.5.1. Office of Inspector General (OIG)/General Accountability Office (GAO)

Coordination

Coordinate with ongoing OIG and GAO reviews, contractor interfaces, and audit findings and recommendations.

6.5.2. Internal Audit Functions

Review Internal Audit functions for incoming contractors. Assure a smooth transition of internal audit functions, audits, findings and recommendations.

7.0 PROCUREMENT, REAL AND PERSONAL PROPERTY

Assure transition of the procurement and property systems and operations. These operations shall include (1) integrating common systems across LANL and implementing business processes that are risk-based, cross-functional, cost effective, optimize and streamline operations, increase efficiency and enhance productivity, regarding all procurement and property systems; and (2) supporting NNSA in the identification and application of enterprise-wide electronic processes throughout the Nuclear Weapons Complex (NWC) to streamline business practice.

7.1. Procurement and Contracting Systems

7.1.1. Contract and Procurement Systems Management

Assure transition of an NNSA-approved purchasing system to provide purchasing support and subcontract administration.

7.1.2. Contractor Performance Evaluation Process

Develop, document, and institutionalize a formal process for LASO and HQ NNSA contractor performance evaluation. Develop a formal Performance Evaluation Plan (PEP). Assure that the LASO process is documented and formally issued.

- 7.1.3. Contractor Assurance System (CAS)
Assure the proper transition of the LANL CAS to the new contractor.
- 7.1.4. Subcontract Transfers
Review subcontracts to be transferred for feasibility.
- 7.1.5. Contractors' Financial Identity
Review bank accounts, balances, reconciliation to establish new contractor's bank accounts.
- 7.1.6. Contract Closeout
Coordinate financial and contractual closeout efforts for outgoing contractor. Albuquerque Service Center is responsible for closeout of LANL UC contract.
- 7.1.7. Procurement Process approval
Review and approve new contractor procurement processes.
- 7.1.8. Contracting Strategy
Review new contractor contracting strategies (privatization, make vs. buy, sole source, subcontracts).
- 7.1.9. Headquarters Requirements
Assure the new contractor is aware of DOE/NNSA Headquarters' requirements and systems.
- 7.1.10. Contract Deliverables

7.2. Real and Personal Property Management

- 7.2.1. Personal Property
Assure the transition of an NNSA-approved management system for overall integrated planning, acquisition, maintenance, operation, control, accountability, utilization, and disposal of Government owned personal property.
- 7.2.2. Real Property
Assure the transition of real property instruments and records, including the assignment of LANL Lease agreements and real property survey records. These consist of physical facilities, equipment, instrumentation, scientific expertise and necessary operational personnel.

8.0 SECURITY AND SAFEGUARDS

Ensure transition of a Safeguards and Security Program that includes Integrated Safeguards and Security Management (ISSM); physical security; protection of Government property; classification, declassification and protection of information; cyber security; nuclear materials protection, control and accountability; management of FDAR and FOCI, and personnel security including access control for Laboratory staff and visitors.

8.1. Program Management and Support (Includes sub-topical areas)

Ensure transition of Site Safeguards & Security Plan (SSSP), Design Basis Threat Implementation Plan (DBTIP), vulnerability assessments, and investigations processes. Ensure the NA-70 Program Execution Guidance (PEG) is used to develop Annual Operating Plan (AOP). Attend and participate in monthly Protection Program Management Team (PPMT) meetings for formal change control pertaining to AOP major program deliverables and other safeguards and security matters. Ensure the LANL Biological Select Agents and Toxins Security Risk Assessment(s) and associated

Bioscience Lab Security Plan(s) is current and maintained. All safeguards and security vulnerability and risk assessments must be reviewed by LANL on an annual basis or sooner as required, and approved by LASO/SM. Ensure the PPMT Charter is current. Review and re-justify deviations and re-submit to LASO/SM for approval. Ensure approved Corrective Action Plans (CAPs) are reviewed and re-confirm with LASO/SM any changes required.

8.2. Protective Force

Ensure transition and responsibility of Protective Force safety, training, keys and weapons accountability, classified holdings accountability and management.

8.3. Physical Security

Ensure transition of the requirements for the physical protection of safeguards and security interest. All LANL Vault-Type Rooms (VTRs), will be re-certified and approved by LASO/SM, and appropriate physical security protection measures will be applied to other security areas in coordination and concurrence/approval with LASO. All LANL Safeguards and Security Plans will be approved by LASO.

8.4. Information Protection

Ensure transition of classified matter protection and control, technical surveillance countermeasures functions, operations security, classification activities and special access programs/intelligence information. Ensure a centralized accounting database for all classified matter and Accountable Removable Electronic Media (ACREM) is maintained and in accordance with LASO/NNSA approval processes.

8.5. Cyber Security

Ensure transition of classified computer systems, telecommunications, and unclassified cyber security. Ensure that compliant cyber security systems are maintained during transition. Ensure a smooth transition of anti-virus protection, system firewalls, DMZ, network intrusion, PKI, etc. Ensure all Cyber Security Plans and appropriate conduct of operations procedures are current and linked appropriately to current cyber security requirements. Ensure all computer systems are certified and accredited prior to operation. Provide LASO with an approved cyber security NAP implementation plan.

8.6. Personnel Security Program

Ensure transition of clearances, background investigations, Human Reliability Program requirements, and annual security awareness. Ensure all Homeland Security Presidential Directive 12 (HSPD-12) requirements will be met. Ensure all Human Reliability Program (HRP) requirements and interactions are maintained, and coordination/approval processes with LASO are understood. Ensure Select Agent Human Reliability Program (SAHRP) requirements and interactions are maintained, and coordination/approval processes with LASO are understood. Ensure continuity of personnel security services during transition.

8.7. Unclassified/Classified Visits & Assignments by Foreign Nationals

Ensure transition of counterintelligence requirements, export controls/tech transfer, and sponsor program support. LASO will approve all foreign national visits into the PF-4 facility located within TA-55.

8.8. Nuclear Materials Control & Accountability

Ensure continued regular inventory of SNM holdings during transition, transition measurement program, TID (seals) Program, agreements and S/R differences, surveillance systems. Ensure all A/B related matters and accounting systems are

followed. Ensure LASO approves and/or is in agreement to any established and future plans, procedures, agreements, etc. related to this 8.8 section.

8.9. Accountable Classified Removable Electronic Media (ACREM)

Ensure that compliant ACREM accountability systems are maintained during transition. Ensure a smooth transition of ACREM program, policies, procedures and systems. LASO approves any and all ACREM program, policies, procedures and systems.

9.0 EMERGENCY PREPAREDNESS, OPERATIONS, AND RESPONSE

9.1. Emergency Operations

Assure transition of an Emergency Operations Program to include emergency preparedness plans and procedures, an occurrence notification and reporting system, operation of an Emergency Operations Center (which includes a Joint Emergency Operations Center with the County of Los Alamos).

9.2 Emergency response capabilities for local, regional, and national missions to include a Radiological Assistance Program and Accident Response Group.

10.0 SAFETY AND HEALTH

Assure transition of the Safety and Health Program.

10.1. Defense Nuclear Facility Safety Board (DNFSB)

Assure transition of contractor activities and those DOE commitments to the DNFSB contained in Secretary of Energy's implementation plans and other DOE correspondence to the DNFSB.

10.2. Hazard Categorization and Analysis Process

Assure transition of hazard categorization and analysis processes, a startup and restart process, as well as a safety authorization basis process for non-nuclear facilities that includes approval by the Contracting Officer for moderate hazard facilities/operations and high hazard facilities/operations.

10.3. ES&H Self Assessment Process

Assure transition of a formal ES&H performance based self-assessment process addressing both ES&H program and line management implementation that is (1) risk based and has the requisite depth, breadth, rigor and defensibility, (2) conducted with the appropriate subject matter expertise, (3) performance and behavior based, and (4) tied to an institutional issues management program that Assure closure of findings and opportunities for improvement.

10.4. ES&H Performance Measurement Program

Assure transition of an ES&H performance measurement program that assure comprehensive gathering of operational data, adequate causal analysis, risk analysis, trending, comparison to metrics, includes leading and lagging indicators, dissemination of operational data, and measures both worker and subcontractor performance.

10.5. ES&H Occurrence/Event Investigation and Lessons Learned Programs

Assure transition of ES&H occurrence/event investigation ensuring that root cause analysis is performed, corrective actions address the systemic problems identified at

the Laboratory, and use a Lessons Learned program to implement improvements to the Laboratory operations.

10.6. Worker Health Studies

Assure transition of a worker health studies conducted by other Federal agencies and contract researchers under NNSA/DOE sponsorship.

10.7. Industrial Safety

Assure transition of the LANL Industrial Hygiene Program, Industrial Hygiene Laboratory, Injury/Illness Record-keeping process and associated records, NIOSH & Occupational Medical Program and medical records, Firearm safety, and Chemical Safety Programs. Assure continuity of program operations during transition.

10.8. Radiological Safety

Assure transition of the Personnel Radiation Dosimetry and associated records and record keeping systems, Radiological Control Program, Radiological Control Laboratories, Radiological Engineering and Health Physics support, Health Physics Instrument Laboratory, radiological self-assessment function, and Assure continuity of services during transition.

10.9. Life Safety Systems

Assure transition of Fire Protection Program, coordination with Los Alamos Fire Department Operations, Fire Marshal Program, Alarm Center Operations, and assure continuity of services during transition.

10.10. Construction Safety

Transition Hoisting and Rigging, Electrical Safety, and Explosive Safety requirements to new contractor and assure continuity of programs during transition.

10.11. Nuclear & Criticality Safety

Assure transition of Price-Anderson requirements, Nuclear Safety program, Criticality Safety Program, DNFSB interactions, and assure continuity of services during transition.

10.12. Laboratory Safety

Assure transition of Laboratory safety requirements, and a laboratory safety function that provides activity specific safety and health controls within laboratory operations at LANL. This includes chemical management, housekeeping, independent project hazards reviews, accident investigation/occurrence reporting, lessons learned, and safety envelope documentation.

10.13. Quality Assurance

Assure new contractor establishes a QA Program as required by all contractually imposed DOE/NNSA Orders, Rules, Standards, NRC Regulations, and industry standards, as applicable to activities and facilities. Assure continuity of existing QA program during transition.

10.14. Conduct of Operations

Assure the new contractor establishes or transitions a Conduct of Operations Program that effectively implements the requirements of DOE/NNSA Order 5480.19 and DOE/NNSA Order 232.1; transition functions of Operational Excellence.

10.15. Motor Vehicle Safety

Assure the new contractor transitions or establishes a motor vehicle safety function that complies with the Integrated Safety Management (ISM) core functions. This program must identify all specific types of vehicles used at LANL required skill level

- and training requirements, including refresher training. Transition or assure development of a certification program that meets Federal, State and DOE/NNSA Order requirements.*
- 10.16. Packaging and Transportation Programs
Assure transition of packaging and transportation activities, including transportation emergency preparedness. Assure contractor maintains program and complies with requirements of DOE/NNSA 460.1 for on-site transportation of radioactive materials in non-DOT approved casks through DOE/NNSA approved transportation plans. Assure contractor maintains and complies with Department of Transportation (DOT) packaging and transportation requirements. Assure continued oversight of the LANL Transportation Safety Program during transition.
- 10.17. Work Control Program
Assure incumbent contractor transitions LANL Work Control Program.

11.0 ENVIRONMENTAL MANAGEMENT, PROTECTION, AND COMPLIANCE

Assure transition of Environmental Management activities and operations.

- 11.1. Environmental Restoration (ER) Program
Assure transition of the ER Program, including characterization and remediation in accordance with regulatory and enforceable agreements requirements and milestones.
- 11.2. Legacy Waste Disposition Program
Assure transition of the Legacy Waste Disposition Program, including risk reduction efforts associated with the disposition of Quick to WIPP waste. Activities include cooperation and coordination with the Carlsbad Field Office for transuranic waste activities. Assure maintenance of shipping schedules during transition.
- 11.3. Newly Generated Waste Program
Assure transition of the Newly Generated Waste Program to support Laboratory missions including treatment, storage, and disposal of solid, hazardous, mixed, and radioactive wastes.
- 11.4. Decontamination and Decommissioning Program
Assure transition of the facility and infrastructure D&D Program.
- 11.5. Waste Minimization and Pollution Prevention Programs
Assure Waste Minimization and Pollution Prevention Programs, including related initiatives.
- 11.6. Environmental Management System
Assure implementation of an Environmental Management System under Integrated Safety Management.
- 11.7. Resource Conservation and Recovery Act (RCRA) Permit
Assure transition of activities associated with the RCRA permit renewal and all associated activities.
- 11.8. Clean Water Act (CWA) Permits
Assure transition of activities associated with the CWA permits/renewals and all associated activities.
- 11.9. Clean Air Act (CAA) Permits

- Assure transition of activities associated with the CAA permits/renewals and all associated activities.*
- 11.10. Waste Management Facilities and Equipment
Assure transition of activities associated with the commissioning and management of the necessary waste management facilities and equipment to assure uninterrupted waste management operations.
- 11.11. Land Transfer
Assure the transition of the facilitation of the remediation and conveyance of Land Transfer parcels pursuant to applicable law.
- 11.12. National Environmental Policy Act (NEPA)
Assure transition of the NEPA program, including planning and tracking/database systems and record keeping systems.
- 11.13. Natural and Cultural Resources Management
Assure transition of the natural resources, cultural resources management functions.
- 11.14. Interfaces
Assure transition of regulatory interfaces. Coordinate LASO involvement and inter-contractor communication.
- 11.15. Environmental Reporting
Assure contractor transition of all required reporting functions, including EPCRA 311, 312, 313; RCRA Biennial; and the Annual Site Environmental Report.
- 11.16. New Mexico Environment Department Consent Order Compliance
Assure transition of all negotiated commitments, requirements, reporting expectations, and deliverables identified in the NMED Consent Order.
- 11.17. Federal Facility Compliance Agreement for Storm Water
Assure transition of all negotiated commitments, requirements, reporting expectations, and deliverables identified in the NMED Consent Order.
- 11.18. Permits and Requirements Identification System
Assure transition of the existing Permits and Requirements Identification System to the new contractor.
- 11.19. Site-Wide Environmental Monitoring Program
Assure transition of Site-Wide Environmental Monitoring System and associated records and reports.

12.0 COUNTERINTELLIGENCE AND COUNTER TERRORISM

Assure transition of an ongoing and comprehensive counterintelligence and counter terrorism program to assess, detect and deter foreign intelligence and terrorist threats to the personnel, facilities, and technologies within the Contractor's purview.

13.0 LABORATORY PROGRAMS – SCIENCE AND TECHNOLOGY

Assure transition of general Performance Group activities critical to the LANL's management of corresponding programs, projects and processes, including Science and Technology, Laboratory Operations, and Laboratory Management. Assure that incumbent and new contractors integrate programmatic functions within and across the NWC and other program areas.

13.1. Defense Programs

Assure transition of NNSA Defense Programs (DP), including the development and execution of an overall DP Strategic Plan.

13.1.1. Nuclear Weapons Program

Transition the Stockpile Certification, Stockpile Stewardship, Research and Development (R&D), Production Support to the Nuclear Weapons Complex (NWC), and Nuclear Materials Management and Dismantlement Programs to the new contractor.

13.1.1.1. Stockpile Certification Program

Transition all Stockpile Certification activities, including the LANL Director's annual assessment of the stockpile; a Nuclear Weapons Quality Assurance and Stockpile Evaluation Program; joint Department of Defense (DOD)/NNSA weapons system testing, and reliability assessments.

13.1.1.2. Stockpile Stewardship Program

Assure transition of Stockpile Stewardship Program to include transition of simulation codes and computational resources; surveillance and surety; scientific capabilities, experiments and tests; production and manufacturing; and maintenance of the manufacturing capability for plutonium-based pits of various designs for the primary of nuclear weapons.

13.1.1.3. R&D Program

Assure transition of the Research and Development (R&D) Program, including R&D Program Plans for nuclear weapons R&D activities. The R&D Program transition will assure transfer of technologies and capabilities to support high-performance computing, modeling, and simulation; communications; and information management.

13.1.1.4. Strategic Planning (Institutional Plan) and New Missions

Assure transition of site-wide planning functions, including strategic planning, institutional planning, and the annual Ten-Year Comprehensive Site Plan effort.

13.1.1.5. Production Support to NWC

Assure transition of contractor technical production support to the NNSA at nuclear weapon production plants, and transfer the non-Nuclear Component Production Hardware Qualification Program.

13.1.1.6. Nuclear Materials Management and Dismantlement

Assure transition of the contractor Nuclear Materials and Stockpile Management Program, including all activities reports and documents related to the four strategic thrusts: nuclear materials; manufacturing and surveillance; materials and process technologies; and stabilization technologies. This includes related materials storage, processing and disposition; residue elimination, waste minimization, and environmental and mixed waste management; test component remanufacture; materials characterization; site cleanup and materials stabilization; contamination control; health and safety issues; and management and operation of highly specialized facilities. The dismantlement program activities include weapon component material

characterization, material disposition processes, technical assistance in material disposition analysis of the functionality of safety of disassembly techniques and tools, and prescriptions for material recovery and reuse.

13.1.2. Criticality Safety Analysis

Assure transition of the contractor criticality safety analysis function, including information related to conduct of experiments, training and analysis on criticality safety, materials detection and improvised nuclear devices in support of a broad range of national programs. Assure transition of the construction of the Criticality Experiments Facility at the Device Assembly Facility located at the Nevada Test Site.

13.1.3. Technical Area-18

Assure transition of the closure of Technical Area (TA)-18 and transition all remaining missions out of TA-18 in accordance with NNSA Program Plans.

13.1.4. Inertial Confinement Fusion

Assure transition of the Inertial Confinement Fusion program that maintains United States leadership in high energy density physics. This includes achieving ignition and using ignition facilities to gather information relevant to stockpile stewardship.

13.2. Defense Nuclear Nonproliferation

Assure transition of the Defense Nuclear Nonproliferation Program to develop and apply the science and technology, and perform appropriate related analytical tasks required to detect, deter, prevent and respond to proliferation of weapons of mass destruction worldwide.

13.2.1. Global Threat Reduction Programs

Assure transition of Global Threat Reduction Programs to develop and apply the science and technology, and perform appropriate related analytical tasks required to reduce inventories of weapons-useable nuclear materials and dangerous radiological materials, including (1) converting U.S. and foreign research reactors to the use of low enriched uranium fuel or other proliferation-resistant technologies, (2) repatriating Highly Enriched Uranium and Low Enriched Uranium to countries of origin for secure storage, disposition or blend-down, and (3) securing, transporting, storing or dispositioning radiological materials.

13.2.1.1. Nonproliferation Research and Engineering

Assure transition of nonproliferation research and engineering activities and related analytical tasks required to develop advanced remote sensing, monitoring and assessment technologies nuclear materials.

13.2.1.2. Nuclear Risk Reduction.

Assure transition of nuclear risk reduction activities and appropriate related analytical tasks required to eliminate surplus inventories of weapons-useable materials, including materials from dismantled weapons and production reactors and facilities, associated

international agreements, and identification of foreign and international efforts to respond effectively to nuclear emergencies.

13.2.1.3. Nonproliferation and International Security

Assure transition of nonproliferation and international security efforts and related analytical tasks required to support the application and strengthening of international nuclear safeguards, identify support efforts to the U.S. Government negotiations and policy analysis, policy development, workforce transition and scientist engagement efforts around the world, regional and international security efforts, intelligence monitoring and arms control treaty verification, global controls on nuclear materials and weapons, and assessments of foreign Weapons of Mass Destruction programs.

13.2.1.4. International Material Protection and Cooperation

Assure transition of international material protection and cooperation activities and related analytical tasks required to secure nuclear weapons and materials in Russia and other weapons states.

13.2.1.5. Fissile Materials Disposition.

Assure transition of fissile materials activities and related analytical tasks required to eliminate surplus plutonium and Highly Enriched Uranium.

13.2.1.6. Nonproliferation, National Security and Verification Technology

Assure transition of nonproliferation, national security and verification and technology activities, including the conduct of a nonproliferation, national security, treaty verification technology program, and dismantlement verification program; methods for detection/verification of underground nuclear testing and of undeclared enrichment and reprocessing activities.

13.3. NNSA Nuclear Emergency Support

Identify and transition support systems and activities of the NNSA Nuclear Emergency Support Team in the areas of nuclear weapons expertise, nuclear weapon surety, environment, safety and health, waste management, transportation and other areas requiring specialized planning, training, and responses to nuclear weapon accidents or incidents.

13.4. Science Programs

Assure transition of LANL Science Programs.

13.4.1. Basic Science Programs

Assure transition of research programs in the areas of materials sciences, chemistry, and geosciences.

13.4.2. Biological and Environmental Research

Assure transition of research programs in structural biology, genomics, cellular response to low doses of radiation, climate change research, environmental remediation, advanced medical imaging, and other health and environmental sciences.

13.4.3. High Energy and Nuclear Physics

Assure transition of high energy and nuclear physics research programs involving experimental and theoretical programs in nuclear and particle physics.

13.4.4. Fusion Energy Sciences

Assure transition of fusion energy efforts aimed at modest scale experimental, theoretical, and technological studies to advance plasma science, fusion science, and fusion technology.

13.4.5. Advanced Scientific Computing Research (ASCR)

Assure transition of the ASCR program by supporting research in applied mathematics, computer science and high-performance networks and providing high-performance computational and networking resources.

13.5. Energy Technology Programs

Assure transition of research and studies to address national energy needs in fundamental areas including integrated chemical and materials processing, energy supply and the environment, and transportation and infrastructure.

13.5.1. High-Temperature Superconductivity

Assure transition of the development of practical high-temperature, high-current-density superconductors and the formation of partnerships with U.S. industry to expedite the development of commercially feasible high-temperature superconductor technology.

13.5.2. Radioisotope Power System Program

Assure transition of the technical capabilities to process and encapsulate the isotope plutonium-238 into fuel forms that will be provided for use in the development and fabrication of radioisotope power systems that are delivered to other agencies for space exploration and national security missions.

13.5.3. Energy Supply

Assure transition of the research that addresses energy supply issues: exploration, reservoir modeling, integrated assessments, and environmental transport and support for DOE/NNSA's efforts in the broad areas of energy efficiency, renewable energy, fossil energy, and nuclear energy.

13.5.4. Yucca Mountain Project

Assure transition of the Yucca Mountain Project studies to characterize the site, including areas of radionuclide migration, volcanic risk assessment, and exploratory studies relating to facility test coordination.

13.5.4.1. Transportation and Infrastructure

Assure transition of efforts to conduct research, development, and demonstration of fuel cell and hydrogen production, delivery, and storage technologies to accelerate the introduction of hydrogen-powered fuel cell vehicles into the transportation sector.

13.6. Environmental Technology Programs

Assure transition of scientific and engineering capabilities to facilitate the development of new technologies for timely, cost-effective, and comprehensive solutions for local, regional, and global environmental problems.

13.7. Work for Others (WFO)

13.7.1. U.S. Department of Homeland Security (DHS) WFO Programs

Assure transition of the DHS WFO Program, as approved by the Contracting Officer. Assure transition of support for Homeland Security Programs, including making Laboratory resources available and performing work for the U.S. Department of Homeland Security.

13.7.2. Other Federal Agencies (OFA) WFO Programs

Assure transition of the Work for Others (WFO) Program, as approved by the Contracting Officer. Major OFA WFO sponsors include DOD, National Aeronautics and Space Administration, National Institutes of Health, and the Department of State

13.7.3. Other Non-Federal Entities (NFE) WFO Programs

Assure transition of the NFE WFO Program, as approved by the Contracting Officer. Major NFE WFO sponsors include. non- federal entities such as universities, private sector organizations, and state and local governments).

13.8. Laboratory-Directed Research and Development

Assure transition of the NNSA-approved Laboratory Directed Research and Development (LDRD) Program including multidisciplinary and multidivisional research on complex scientific and engineering problems and on individual basic and applied research projects.

13.9. Industrial Partnerships and Technology Transfer Programs

Assure transition of the Industrial Partnerships and Technology Transfer Programs to establish industrial partnerships that transfer new technologies from the Laboratory to private industry and make available to private industry the unique capabilities of the Laboratory in order to enhance the Laboratory's ability to meet mission requirements and improve the industrial competitiveness and national security of the U.S.

14.0 LABORATORY OPERATIONS – FACILITY OPERATIONS, INFRASTRUCTURE, DESIGN AND PROJECT MANAGEMENT

Assure transition of the management, operation, protection, maintenance and enhancement of the Laboratory's ability to function as a DOE multi-program laboratory.

14.1. Facility Operations and Infrastructure

Assure transition of the management and operation of Government-owned facilities and infrastructure, both provided and acquired, to further national interests and to perform NNSA/DOE statutory missions.

14.1.1. Real Property Life-Cycle Asset Management Program

Assure transition of a performance-based approach to real property life-cycle asset management to perform overall integrated planning,

acquisition, upgrades, and management of Government-owned, leased or controlled facilities and real property accountable to the Laboratory.

14.1.2. Maintenance Management Program

Assure transition of the Maintenance Management Program to safely and cost-effectively maintain Government property. Assure continuity and reliability of operations, fulfillment of program requirements and protection of life and property from potential hazards, and the condition of all assets will continuously improve over the period of performance

14.2. Facility Design and Project Management

Assure transition of an Earned-Value/resource loaded Project Management System to deliver projects on schedule, within budget, and to meet mission performance. Assure transition of approaches for design and risk analysis, value engineering, configuration management, conceptual designs, preliminary designs, material testing, and surveying in support of engineering designs (Title I); final designs and construction drawings (Title II); and as-built drawings pursuant to construction inspections, surveying, and material testing (Title III) services for activities supporting NNSA and its programmatic customers.

14.3. Line Item and General Plant Projects

Assure transition of ongoing line item and general plant projects, including: Chemistry and Metallurgy Research Replacement Facility, Radioactive Liquid Waste Treatment Upgrade Project, TA-55 Plutonium Facility Upgrade Project, Facility and Infrastructure Recapitalization Project. These projects are listed in Attachment A.

14.4. Operating Transportation and Traffic Management Services

Assure identification and transition of all operating transportation and traffic management activities at LANL

14.5. Logistics Support to NNSA LASO

Assure transition of logistics support which includes mail services, recycling, telecommunications support, security and security systems.

15.0 POST-SUSPENSION/RESUMPTION

15.1. Local Corrective Action Plans

Assure transition of resumption local corrective action plans, findings, and actions.

15.2. Operational Efficiency Project

Assure transition of institutional process for developing, managing, tracking, and closing operational efficiency actions.

Listing of all Line Item, General Plant Project, Institutional General Plant Projects, and Facilities and Infrastructure Recapitalization Program (FIRP)

Line Item Construction Projects

Chemistry & Metallurgy Research Facility Replacement (CMRR)
Nuclear Materials Safeguards & Security Upgrades Project (NMSSUP) Phase I
Nuclear Materials Safeguards & Security Upgrades Project (NMSSUP) Phase II
Radioactive Liquid Waste Treatment Facility (RLWTF)
TA-55 Reinvestment Project
Partial Site Wide Fire Alarm System Replacement
Dual Axis Hydrodynamic Radiography Test Facility
Power Grid Upgrade Infrastructure Project
Security Perimeter Project
National Security Science Building
Waste Management Risk Mitigation
Center for Integrated Nano Technologies
TA-55 Radiography

General Plant Projects

Enterprise Project
TA-33 High Bay Complex
Red Net
TA-55 Switchgear
Conflict Simulation Lab
High Power Detonator Facility
TA-8 to TA-22 Connector Road
TA-64 Protection Technology Los Alamos (PTLA) Buildings
TA-33 Bunkers
Facilities and Waste Operations (FWO) Records Retention Building
TA-16-200 Computer Vault HVAC Upgrades
Kirby Building
Stockpile support Facility
Weapons Engineering Test Facility (WETF) Diesel Generator Relocation Project

Institutional General Plant Projects

Mercury Roads
Relocation of Roads and Grounds
Radio Shop Replacement
Communications Duct Bank

Facilities and Infrastructure Recapitalization Program (FIRP)

Planning

Dynamic Experimentation (DX) Shock and Detonation Facility
TA-16-193 Reconfiguration

TA-39-98 Consolidation
TA-9 Steam Conversion
TA-48-High Voltage Equipment Replacement Project (HVERP)
TA-48- Electrical Infrastructure Safety Upgrades (EISU)
TA-53-6 Project
FY06 Deferred Maintenance (DM) Small Projects
FY06 Deferred Maintenance (DM) Intermediate Projects

Disposition

TA-16-340
TA-16-370
TA-16-540
TA-21-21
TA-3-31 Chemical Warehouse
Process Buildings
TA-3 Misc. Office Buildings
TA-16 High Speed Machining Facilities
FY06 Planning
TA-3-16 Ion Beam Facility Planning

Recapitalization

Dynamic Experimentation (DX) Hydrotest Design Facility
TA-43-1 Electrical Infrastructure Safety Upgrades (EISU)
TA-3-261 Electrical Infrastructure Safety Upgrades (EISU)
TA-46-31 Electrical Infrastructure Safety Upgrades (EISU)
TA-16-260 Reconfiguration
TA-50-1 Stem Wall
TA-55 Load Cells
Chemistry and Metallurgy Research (CMR) –Motor Control Center (MCC) Project
Waste Management (WM)-66 Caustic Tank
FY04 Deferred Maintenance (DM) Small Projects
FY05 Deferred Maintenance (DM) Small Projects
FY05 Deferred Maintenance (DM) Intermediate Projects
Lujan Center Heating, Ventilation and Air Conditioning (HVAC) Upgrades
Weapons Engineering Test Facility (WETF) System Refurbishment
TA-16-410/411
TA-16 Weapons Engineering Grading, Drainage, and Utilities
TA-8-21 Roof
TA-53-1 and TA-59-1 Roof
Information Management (IM) Office Building
RC-46 Chiller Replacement